U8960 -2 A
11/4/88

ueber

Utah Economic and Business Review

Volume 48
Numbers 7 and 8
July–August 1988

graduate school
of business
bureau of economic and
business research
university of utah

UTAH'S GROSS STATE PRODUCT FOR THE YEARS 1963-1986

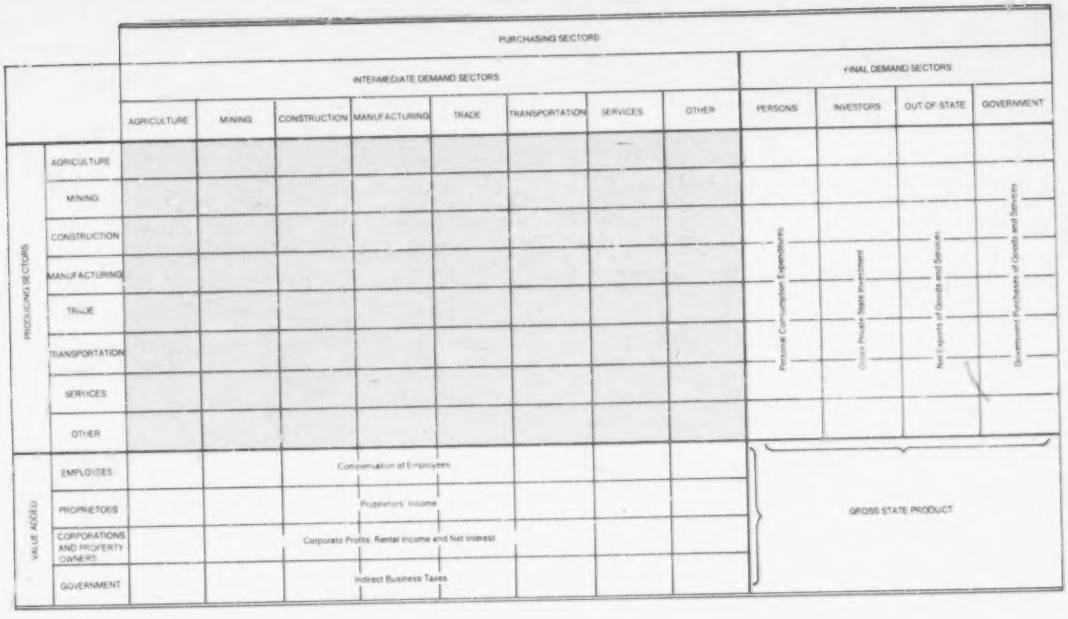
Boyd L. Fjeldsted
Senior Research Economist

The University of Utah's Bureau of Economic and Business Research has been designated by the United States Department of Commerce, Bureau of Economic Analysis (BEA) as a member of the BEA User Group. In consequence the BEA periodically furnishes the Bureau of Economic and Business Research with unpublished data in the interest of providing for its public dissemination. Most recently, the Bureau of Economic and Business Research has received BEA estimates of gross state product by major value added component and also estimates of gross state product originating in each of 61 industrial sectors for the years 1963 through 1986. The release of these data by the Bureau of Economic Analysis marks the culmination of a major effort on the part of the BEA and provides us for the first time with a set of consistent estimates of gross state product for all 50 states and the District of Columbia. The purpose of this article is to provide an overview of the concept of gross state product and to present gross state product data for the State of Utah for selected years between 1963 and 1986.

The Concept of Gross State Product

The gross state product (GSP) of a state may be defined as the gross market value of the final goods and services produced by the labor and capital located within its borders. Gross state product is *gross* in the sense that it includes the value of capital consumed in the process of production. But at the same time it should be noted that by including only the market value of *final* goods and services, GSP excludes the value of all goods and services furnished by one business firm to another business firm located in the same state. Gross state product may thus be thought of as the gross market value of the goods and services collectively produced by a state's business sector (including the government sector in its capacity as an employer of labor services). As such GSP is the state counterpart of the nation's gross domestic product (GDP). Gross domestic product, incidentally, differs from gross national product (GNP) only by the difference between foreign production attributable to

Figure 1
State Interindustry Transactions Table



capital and labor services provided by U.S. citizens and domestic production attributable to capital and labor services provided by foreign nationals.

Conceptually there are two different possible approaches to estimating a state's GSP. Both of these approaches may be illustrated by means of an analytical construct referred to as an interindustry transactions table. A schematic representation of such a table for a state economy is shown in Figure 1. Essentially this table shows how the total output of each producing sector is distributed among purchasing sectors (reading across rows), or conversely, what the total input of each purchasing sector consists of in terms of producing sector source (reading down columns). It may be noted that the purchasing sectors are comprised of two principal classes: (1) intermediate demand, and (2) final demand. The intermediate demand sectors consist of those sectors that purchase inputs for the purpose of transforming them into a different product or service for subsequent sale to another purchasing sector. It follows that the intermediate demand purchasing sectors are the same as the producing sectors, though viewed from the standpoint of their consumption activity rather than their production activity.

The final demand purchasing sectors are those that purchase output from the producing sectors, not for the purpose of further production and resale, but rather for final consumption or use in the state or for export. The primary input or value added sectors at the bottom of the transactions table are adjoined for the purpose of showing the inputs of the basic factors of production and to include any residual charges, so that the total input of each sector is brought into accounting balance with the total output of the sector. Since aggregate intermediate input must be equal to aggregate intermediate demand, it follows that aggregate value added must be equal to aggregate final demand, which is by definition equal to gross state product. It follows that gross state product may be estimated either by looking at product flows from producing sectors to final demand sectors or by looking at the producing sectors' consumption of primary inputs, i.e., value added.

BEA's Estimating Procedure

In constructing the national income and product accounts the Bureau of Economic Analysis uses both approaches in estimating the nation's gross domestic product, with the difference between the

two results being referred to as *statistical discrepancy*. Because of difficulties in tracing product flows from a state's producing sectors to the final demand sectors, the Bureau of Economic Analysis relies exclusively on the primary input or value added approach in coming up with its gross state product estimates. For the farming, mining, construction and manufacturing industries the BEA first estimates total gross state product directly (using benchmark value added data from the quinquennial economic censuses) and then subtracts estimates of employee compensation, proprietor's income and indirect business taxes to come up with an estimate of the capital charge (corporate and property income) component of GSP as a residual. For the remaining industrial sectors the Bureau of Economic Analysis estimates each of the four major components of gross state product individually and then adds them together to come up with total gross state product originating in the sector.

Gross State Product by Major Component

Table 1 presents total gross state product, broken down by its four major components: (1) compensation of employees, (2) income of proprietors, (3) capital charges and (4) indirect business taxes. Compensation of employees refers to the total cost of hiring labor, including wages and salaries, fringe benefits and payroll taxes. Proprietors' income includes the net profits of unincorporated businesses plus an allowance for capital consumption for such businesses, together with an inventory valuation adjustment for proprietors' inventories.

Capital charges include corporate profits plus an allowance for capital consumption of corporate plant, together with an inventory valuation adjustment for corporate inventories. Also included in capital charges are rental payments to owners of real property used by business and net interest paid by business for the use of financial resources. Indirect business taxes refer to taxes that are not levied directly on business profits, namely, those taxes that are considered to be ordinary expenses of doing business. These include principally sales and property taxes levied on business by state and local governments, and also Federal excise taxes.

Gross State Product by Industrial Sector

Table 2 presents Utah's gross state product at approximately the Standard Industrial Classification 2-digit level of detail for selected years between 1963 and 1986. Table 3 presents the same data, though adjusted for relative price changes in the product of each industry. Table 4 presents data showing the relative importance of each of the 61 industrial sectors in contributing to Utah's total current dollar gross state product for selected years between 1963 and 1986. Finally, Table 5 shows the relative importance of each industrial sector in terms of its real contribution to Utah's total gross state product (after adjusting for the effects of price changes in each of the industrial sectors).

Table 1
Gross State Product by Component, State of Utah, Selected Years, 1963-1986
[millions of dollars; component percent of total gross state product shown in parentheses]

	1963	1967	1972	1977	1981	1982	1983	1984	1985	1986
Gross State Product	2,979 (100.0)	3,479 (100.0)	5,465 (100.0)	10,122 (100.0)	17,007 (100.0)	17,892 (100.0)	19,381 (100.0)	21,739 (100.0)	23,172 (100.0)	24,008 (100.0)
Compensation	1,660 (55.7)	2,046 (58.8)	3,328 (60.9)	6,148 (60.7)	10,239 (60.2)	10,944 (61.2)	11,587 (59.8)	12,772 (58.8)	13,564 (58.5)	13,943 (58.1)
Proprietors' income	308 (10.3)	403 (11.6)	629 (11.5)	1,218 (12.0)	1,323 (7.8)	1,276 (7.1)	1,327 (6.8)	1,538 (7.1)	1,605 (6.9)	1,781 (7.4)
Capital charges	787 (26.4)	747 (21.5)	1,071 (19.6)	2,015 (19.9)	4,003 (23.5)	4,187 (23.4)	4,802 (24.8)	5,415 (24.9)	5,775 (24.9)	6,014 (25.0)
Indirect business taxes	225 (7.6)	283 (8.1)	438 (8.0)	741 (7.3)	1,443 (8.5)	1,485 (8.3)	1,665 (8.6)	1,946 (9.0)	2,133 (9.2)	2,179 (9.1)

Source: U.S. Department of Commerce, Bureau of Economic Analysis, July 1988.

Table 2
Gross State Product by Industrial Sector, State of Utah, Selected Years, 1963-1986
[millions of current dollars]

	1963	1967	1972	1977	1981	1982	1983	1984	1985	1986
Total Gross State Product	2,979	3,479	5,465	10,122	17,007	17,892	19,381	21,739	23,172	24,008
Private industries	2,549	2,813	4,433	8,482	14,561	15,216	16,466	18,590	19,699	20,319
Agriculture, forestry, and fisheries	83	113	159	216	362	382	352	393	374	400
Farms	78	106	147	191	323	340	302	338	317	349
Agricultural services, forestry, and fisheries	4	7	12	25	39	42	51	56	56	51
Mining	259	137	197	517	1,298	1,043	914	862	762	625
Metal mining	141	52	104	138	311	170	227	160	102	112
Coal mining	23	17	24	152	285	345	254	224	238	241
Oil and gas extraction	86	49	56	193	652	482	385	427	367	219
Nonmetallic minerals, except fuels	9	19	13	33	51	46	47	50	55	53
Construction	158	162	349	774	922	945	1,033	1,267	1,296	1,220
Manufacturing	617	600	840	1,501	2,724	2,797	3,026	3,658	3,904	3,989
Durable goods	470	413	602	1,038	1,944	1,926	2,052	2,520	2,664	2,669
Lumber and wood products	8	9	23	62	66	58	73	85	84	81
Furniture and fixtures	3	5	10	16	33	36	48	58	66	65
Stone, clay, and glass products	29	27	55	97	121	117	133	174	187	190
Primary metal industries	197	165	194	218	403	294	234	276	253	194
Fabricated metal products	22	41	55	127	196	187	176	217	205	193
Machinery, except electrical	22	33	109	244	532	578	604	697	744	747
Electric and electronic equipment	9	32	28	66	191	205	216	276	266	274
Motor vehicles and equipment	1	6	12	31	38	43	56	80	77	76
Transportation equipment, excl. motor vehicles	173	86	94	112	247	293	388	503	603	655
Instruments and related products	1	5	9	44	76	76	87	103	120	134
Miscellaneous manufacturing industries	4	5	12	22	42	40	37	51	60	59
Nondurable goods	146	187	239	463	780	871	974	1,138	1,240	1,320
Food and kindred products	69	78	93	149	206	223	228	240	265	282
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0
Textile mill products	0	0	1	2	1	1	3	3	2	3
Apparel and other textile products	7	15	25	52	74	78	85	84	80	81
Paper and allied products	4	4	9	11	20	21	22	28	46	56
Printing and publishing	24	27	36	82	155	175	194	229	254	264
Chemicals and allied products	9	9	26	61	156	173	180	206	202	204
Petroleum and coal products	26	46	41	75	127	167	230	310	347	380
Rubber and miscellaneous plastic products	5	6	7	31	38	32	31	37	42	50
Leather and leather products	0	0	1	2	3	2	1	1	1	1

Table 2 (continued)

	1963	1967	1972	1977	1981	1982	1983	1984	1985	1986
Transportation, communication, and utilities	295	370	566	1,038	2,008	2,262	2,598	2,845	2,965	3,035
Transportation	153	192	295	452	784	813	907	1,001	1,036	1,060
Railroad transportation	79	88	104	110	214	212	234	271	277	277
Local and interurban passenger transit	8	9	12	25	37	20	21	22	23	24
Trucking and warehousing	50	70	138	243	344	338	337	379	392	400
Water transportation	0	0	0	1	3	3	4	0	0	0
Transportation by air	10	16	28	46	76	115	197	215	210	228
Pipelines, except natural gas	4	3	7	11	88	99	86	79	94	89
Transportation services	2	6	6	16	22	26	28	34	39	42
Communication	66	91	131	255	426	471	538	566	619	602
Electric, gas, and sanitary services	77	87	139	331	797	978	1,152	1,278	1,310	1,373
Wholesale trade	202	248	394	720	1,203	1,221	1,264	1,422	1,529	1,576
Retail trade	283	356	586	1,096	1,559	1,680	1,855	2,095	2,283	2,402
Finance, insurance, and real estate	375	476	747	1,405	2,387	2,567	2,863	3,086	3,323	3,574
Banking	40	53	85	133	260	299	335	370	339	336
Credit agencies other than banks	7	8	7	18	31	20	71	58	81	90
Holding companies and investment services	6	12	12	15	64	64	89	82	128	149
Insurance carriers	19	26	43	93	123	106	133	128	140	197
Insurance agents, brokers, and services	12	17	26	52	72	80	84	93	103	121
Real estate	290	359	573	1,093	1,837	1,999	2,150	2,354	2,531	2,681
Services	277	351	595	1,215	2,099	2,318	2,562	2,962	3,263	3,500
Hotels and other lodging places	16	20	34	73	118	144	154	192	173	185
Personal services	28	35	41	70	96	108	116	131	154	161
Business services	24	34	64	162	325	357	418	522	624	686
Auto repair, services, and garages	19	24	45	94	157	164	179	205	223	229
Miscellaneous repair services	8	11	22	44	71	80	81	93	90	88
Motion pictures	6	7	13	27	23	27	28	44	47	56
Amusement and recreation services	12	15	30	46	67	71	77	93	111	112
Health services	70	96	160	338	615	702	742	800	885	983
Legal services	13	19	28	63	102	124	141	163	178	199
Educational services	29	24	57	81	118	126	160	180	188	198
Social services and membership organizations	25	33	49	88	173	198	237	267	283	291
Miscellaneous professional services	20	26	44	117	220	202	211	252	287	293
Private households	8	8	9	12	15	16	17	19	19	20
Government	430	667	1,032	1,640	2,446	2,676	2,915	3,148	3,473	3,689
Federal civilian government	203	328	445	616	866	915	992	1,086	1,208	1,244
Federal military government	29	40	74	111	189	207	231	247	269	284
State and local government	199	299	513	913	1,390	1,554	1,691	1,815	1,997	2,162

Source: United States Department of Commerce, Bureau of Economic Analysis, July 1988.

Table 3
Real Gross State Product by Industrial Sector, State of Utah, Selected Years, 1963-1986
[millions of 1982 dollars]

	1963	1967	1972	1977	1981	1982	1983	1984	1985	1986
Total Gross State Product	10,202	10,344	12,083	15,324	18,093	17,892	18,570	20,177	20,920	21,193
Private industries	8,461	8,104	9,878	12,913	15,438	15,216	15,816	17,383	18,009	18,224
Agriculture, forestry, and fisheries	246	295	301	263	346	382	356	348	387	435
Farms	229	276	278	235	307	340	312	298	333	387
Agricultural services, forestry, and fisheries	17	20	23	28	39	42	44	50	53	48
Mining	1,322	813	888	1,074	1,290	1,043	910	957	832	712
Metal mining	357	209	301	247	306	170	194	183	106	103
Coal mining	134	93	79	201	306	345	254	247	267	276
Oil and gas extraction	810	469	483	583	623	482	416	483	410	284
Nonmetallic minerals, except fuels	21	42	25	43	55	46	45	45	49	48
Construction	970	777	925	1,305	982	945	1,018	1,176	1,154	1,037
Manufacturing	1,821	1,540	1,760	2,111	2,871	2,797	3,026	3,674	4,017	4,166
Durable goods	1,439	1,097	1,274	1,453	2,031	1,926	2,110	2,677	2,973	3,090
Lumber and wood products	19	24	41	74	73	58	64	76	76	71
Furniture and fixtures	7	10	19	23	36	36	47	56	59	55
Stone, clay, and glass products	77	68	108	134	126	117	130	164	171	167
Primary metal industries	630	476	441	300	390	294	231	264	248	195
Fabricated metal products	65	108	121	181	207	187	181	220	202	186
Machinery, except electrical	56	76	211	322	547	578	696	937	1,158	1,311
Electric and electronic equipment	15	53	44	83	202	205	211	267	257	264
Motor vehicles and equipment	2	11	20	45	41	43	55	77	73	68
Transportation equipment, excl. motor vehicles	555	250	226	191	287	293	373	467	551	586
Instruments and related products	1	8	15	64	80	76	85	97	114	127
Miscellaneous manufacturing industries	11	12	28	36	43	40	35	54	63	61
Nondurable goods	382	443	487	658	841	871	917	996	1,044	1,076
Food and kindred products	141	144	159	179	207	223	218	219	239	248
Tobacco manufactures	1	1	1	2	1	1	2	3	2	2
Textile mill products	15	28	40	67	81	78	83	82	77	76
Apparel and other textile products	10	8	17	16	19	21	23	27	43	50
Paper and allied products	74	74	76	122	168	175	183	199	208	205
Printing and publishing	16	17	47	82	156	173	180	199	186	188
Chemicals and allied products	115	159	134	149	164	167	195	230	246	258
Petroleum and coal products	10	12	12	39	42	32	31	37	42	48
Rubber and miscellaneous plastic products	1	1	2	3	3	2	1	1	1	1
Leather and leather products										

Table 3 (continued)

	1963	1967	1972	1977	1980	1982	1983	1984	1985	1986
Transportation, communication, and utilities	780	965	1,196	1,578	2,217	2,262	2,425	2,558	2,554	2,536
Transportation	465	581	681	754	845	813	851	926	924	959
Railroad transportation	241	288	246	190	241	212	222	245	253	252
Local and interurban passenger transit	37	30	31	43	45	20	19	18	18	19
Trucking and warehousing	140	189	309	402	363	338	328	360	348	356
Water transportation	0	0	0	2	3	3	4	0	0	0
Transportation by air	27	42	58	68	85	115	169	183	177	197
Pipelines, except natural gas	13	15	22	27	87	99	82	87	90	94
Transportation services	7	16	14	22	23	26	28	33	38	40
Communication	117	157	205	324	462	471	516	515	534	497
Electric, gas, and sanitary services	199	227	310	501	909	978	1,058	1,117	1,095	1,080
Wholesale trade	528	610	829	1,052	1,228	1,221	1,239	1,354	1,460	1,511
Retail trade	823	913	1,177	1,563	1,673	1,680	1,800	1,961	2,051	2,132
Finance, insurance, and real estate	1,026	1,171	1,510	2,113	2,540	2,567	2,625	2,730	2,801	2,862
Banking	123	143	175	210	281	299	298	320	305	307
Credit agencies other than banks	28	18	14	17	26	20	40	39	45	48
Holding companies and investment services	21	25	28	34	61	64	68	71	85	86
Insurance carriers	48	54	63	90	102	106	110	115	122	139
Insurance agents, brokers, and services	49	58	63	82	80	80	83	83	90	101
Real estate	757	874	1,167	1,679	1,990	1,999	2,027	2,102	2,154	2,181
Services	945	1,019	1,292	1,855	2,291	2,318	2,417	2,625	2,753	2,834
Hotels and other lodging places	59	65	82	121	129	144	143	162	136	133
Personal services	87	99	96	110	103	108	109	117	130	132
Business services	81	101	154	251	359	357	399	463	515	547
Auto repair, services, and garages	57	67	96	141	167	164	172	192	202	200
Miscellaneous repair services	28	29	43	60	74	80	73	74	77	71
Motion pictures	16	16	25	39	25	27	27	38	39	45
Amusement and recreation services	32	34	53	61	70	71	74	85	99	95
Health services	252	284	360	527	680	702	697	725	766	821
Legal services	61	72	73	107	120	124	127	128	135	141
Educational services	101	66	97	113	125	126	151	158	158	159
Social services and membership organizations	76	89	95	127	186	198	225	241	245	245
Miscellaneous professional services	65	73	98	182	237	202	201	221	232	224
Private households	30	25	20	17	15	16	17	19	19	19
Government	1,740	2,241	2,205	2,411	2,655	2,676	2,754	2,794	2,911	2,969
Federal civilian government	909	1,210	974	920	935	915	949	978	1,036	1,050
Federal military government	129	147	161	166	204	207	221	222	230	240
State and local government	703	883	1,070	1,324	1,516	1,554	1,584	1,594	1,645	1,679

Source: United States Department of Commerce, Bureau of Economic Analysis, July 1988.

Table 4
Industrial Sector Shares of Total Current Dollar Gross State Product, State of Utah, Selected Years, 1963-1986
[percent]

	1963	1967	1972	1977	1981	1982	1983	1984	1985	1986
Total Gross State Product	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Private industries	85.57	80.86	81.12	83.80	85.62	85.04	84.96	85.51	85.01	84.63
Agriculture forestry, and fisheries	2.79	3.25	2.91	2.13	2.13	2.14	1.82	1.81	1.61	1.67
Farms	2.62	3.05	2.69	1.89	1.90	1.90	1.56	1.55	1.37	1.45
Agricultural services, forestry, and fisheries	0.13	0.20	0.22	0.25	0.23	0.23	0.26	0.26	0.24	0.21
Mining	8.69	3.94	3.60	5.11	7.63	5.83	4.72	3.97	3.29	2.60
Metal mining	4.73	1.49	1.90	1.36	1.83	0.95	1.17	0.74	0.44	0.47
Coal mining	0.77	0.49	0.44	1.50	1.68	1.93	1.31	1.03	1.03	1.00
Oil and gas extraction	2.89	1.41	1.02	1.91	3.83	2.69	1.99	1.96	1.58	0.91
Nonmetallic minerals, except fuels	0.30	0.55	0.24	0.33	0.30	0.26	0.24	0.23	0.24	0.22
Construction	5.30	4.66	6.39	7.65	5.42	5.28	5.33	5.83	5.59	5.08
Manufacturing	20.71	17.25	15.37	14.83	16.02	15.63	15.61	16.83	16.85	16.62
Durable goods	15.78	11.87	11.02	10.25	11.43	10.76	10.59	11.59	11.50	11.12
Lumber and wood products	0.27	0.26	0.42	0.61	0.39	0.32	0.38	0.39	0.36	0.34
Furniture and fixtures	0.10	0.14	0.18	0.16	0.19	0.20	0.25	0.27	0.28	0.27
Stone, clay, and glass products	0.97	0.78	1.01	0.96	0.71	0.65	0.69	0.80	0.81	0.79
Primary metal industries	6.61	4.74	3.55	2.15	2.37	1.64	1.21	1.27	1.09	0.81
Fabricated metal products	0.74	1.18	1.01	1.25	1.15	1.05	0.91	1.00	0.88	0.80
Machinery, except electrical	0.74	0.95	1.99	2.41	3.13	3.23	3.12	3.21	3.21	3.11
Electric and electronic equipment	0.30	0.92	0.51	0.65	1.12	1.15	1.11	1.27	1.15	1.14
Motor vehicles and equipment	0.03	0.17	0.22	0.31	0.22	0.24	0.29	0.37	0.33	0.32
Transportation equipment, excl. motor vehicles	5.81	2.47	1.72	1.11	1.45	1.64	2.00	2.31	2.60	2.73
Instruments and related products	0.03	0.14	0.16	0.43	0.45	0.42	0.45	0.47	0.52	0.56
Miscellaneous manufacturing industries	0.13	0.14	0.22	0.22	0.25	0.22	0.19	0.23	0.26	0.25
Nondurable goods	4.90	5.38	4.37	4.57	4.59	4.87	5.03	5.23	5.35	5.50
Food and kindred products	2.32	2.24	1.70	1.47	1.21	1.25	1.18	1.10	1.14	1.17
Tobacco manufactures	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Textile mill products	0.00	0.00	0.02	0.02	0.01	0.01	0.02	0.01	0.01	0.01
Apparel and other textile products	0.23	0.43	0.46	0.51	0.44	0.44	0.44	0.39	0.35	0.34
Paper and allied products	0.13	0.11	0.16	0.11	0.12	0.12	0.11	0.13	0.20	0.23
Printing and publishing	0.81	0.78	0.66	0.81	0.91	0.98	1.00	1.05	1.10	1.10
Chemicals and allied products	0.30	0.26	0.48	0.60	0.92	0.97	0.93	0.95	0.87	0.85
Petroleum and coal products	0.87	1.32	0.75	0.74	0.75	0.93	1.19	1.43	1.50	1.58
Rubber and miscellaneous plastic products	0.17	0.17	0.13	0.31	0.22	0.18	0.16	0.17	0.18	0.21
Leather and leather products	0.00	0.00	0.02	0.02	0.02	0.01	0.01	0.00	0.00	0.00

Table 4 (continued)

	1963	1967	1972	1977	1981	1982	1983	1984	1985	1986
Transportation, communication, and utilities	9.90	10.64	10.36	10.25	11.81	12.64	13.40	13.09	12.80	12.64
Transportation	5.14	5.52	5.40	4.47	4.61	4.54	4.68	4.60	4.47	4.42
Railroad transportation	2.65	2.53	1.90	1.09	1.26	1.18	1.21	1.25	1.20	1.15
Local and interurban passenger transit	0.27	0.26	0.22	0.25	0.22	0.11	0.11	0.10	0.10	0.10
Trucking and warehousing	1.68	2.01	2.53	2.40	2.02	1.89	1.74	1.74	1.69	1.67
Water transportation	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.00	0.00	0.00
Transportation by air	0.34	0.46	0.51	0.45	0.45	0.64	1.02	0.99	0.91	0.95
Pipelines, except natural gas	0.13	0.09	0.13	0.11	0.52	0.55	0.44	0.36	0.41	0.37
Transportation services	0.07	0.17	0.11	0.16	0.13	0.15	0.14	0.16	0.17	0.17
Communication	2.22	2.62	2.40	2.52	2.50	2.63	2.78	2.60	2.67	2.51
Electric, gas, and sanitary services	2.58	2.50	2.54	3.27	4.69	5.47	5.94	5.88	5.65	5.72
Wholesale trade	6.78	7.13	7.21	7.11	7.07	6.82	6.52	6.54	6.60	6.56
Retail trade	9.50	10.23	10.72	10.83	9.17	9.39	9.57	9.64	9.85	10.00
Finance, insurance, and real estate	12.59	13.68	13.67	13.88	14.04	14.35	14.77	14.20	14.34	14.89
Banking	1.34	1.52	1.56	1.31	1.53	1.67	1.73	1.70	1.46	1.40
Credit agencies other than banks	0.23	0.23	0.13	0.18	0.18	0.11	0.37	0.27	0.35	0.37
Holding companies and investment services	0.20	0.34	0.22	0.15	0.38	0.36	0.46	0.38	0.55	0.62
Insurance carriers	0.64	0.75	0.79	0.92	0.72	0.59	0.69	0.59	0.60	0.82
Insurance agents, brokers, and services	0.40	0.49	0.48	0.51	0.42	0.45	0.43	0.43	0.44	0.50
Real estate	9.73	10.32	10.48	10.80	10.80	11.17	11.09	10.83	10.92	11.17
Services	9.30	10.09	10.89	12.00	12.34	12.96	13.22	13.63	14.08	14.58
Hotels and other lodging places	0.54	0.57	0.62	0.72	0.69	0.80	0.79	0.88	0.75	0.77
Personal services	0.94	1.01	0.75	0.69	0.56	0.60	0.60	0.60	0.66	0.67
Business services	0.81	0.98	1.17	1.60	1.91	2.00	2.16	2.40	2.69	2.86
Auto repair, services, and garages	0.64	0.69	0.82	0.93	0.92	0.92	0.92	0.94	0.96	0.95
Miscellaneous repair services	0.27	0.32	0.40	0.43	0.42	0.45	0.42	0.43	0.39	0.37
Motion pictures	0.20	0.20	0.24	0.27	0.14	0.15	0.14	0.20	0.20	0.23
Amusement and recreation services	0.40	0.43	0.55	0.45	0.39	0.40	0.40	0.43	0.48	0.47
Health services	2.35	2.76	2.93	3.34	3.62	3.92	3.83	3.68	3.82	4.09
Legal services	0.44	0.55	0.51	0.62	0.60	0.69	0.73	0.75	0.77	0.83
Educational services	0.97	0.69	1.04	0.80	0.69	0.70	0.83	0.83	0.81	0.82
Social services and membership organizations	0.84	0.95	0.90	0.87	1.02	1.11	1.22	1.23	1.22	1.21
Miscellaneous professional services	0.67	0.75	0.81	1.16	1.29	1.13	1.09	1.16	1.24	1.22
Private households	0.27	0.23	0.16	0.12	0.09	0.09	0.09	0.09	0.08	0.08
Government	14.43	19.17	18.88	16.20	14.38	14.96	15.04	14.48	14.99	15.37
Federal civilian government	6.81	9.43	8.14	6.09	5.09	5.11	5.12	5.00	5.21	5.18
Federal military government	0.97	1.15	1.35	1.10	1.11	1.16	1.19	1.14	1.16	1.18
State and local government	6.68	8.59	9.39	9.02	8.17	8.69	8.73	8.35	8.62	9.01

Source: United States Department of Commerce, Bureau of Economic Analysis, July 1988.

Table 5
Industrial Sector Shares of Total Constant 1982 Dollar Gross State Product, State of Utah, Selected Years, 1963-1986
[percent]

	1963	1967	1972	1977	1981	1982	1983	1984	1985	1986
Total Gross State Product	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Private industries	82.93	78.34	81.75	84.27	85.33	85.04	85.17	86.15	86.09	85.99
Agriculture, forestry, and fisheries	2.41	2.85	2.49	1.72	1.91	2.14	1.92	1.72	1.85	2.05
Farms	2.24	2.67	2.30	1.53	1.70	1.90	1.68	1.48	1.59	1.83
Agricultural services, forestry, and fisheries	0.17	0.19	0.19	0.18	0.22	0.23	0.24	0.25	0.25	0.23
Mining	12.96	7.86	7.35	7.01	7.13	5.83	4.90	4.74	3.98	3.36
Metal mining	3.50	2.02	2.43	1.61	1.69	0.95	1.04	0.91	0.51	0.49
Coal mining	1.31	0.90	0.65	1.31	1.69	1.93	1.37	1.22	1.28	1.30
Oil and gas extraction	7.94	4.53	4.00	3.80	3.44	2.69	2.24	2.39	1.96	1.34
Nonmetallic minerals, except fuels	0.21	0.41	0.21	0.28	0.30	0.26	0.24	0.22	0.23	0.23
Construction	9.51	7.51	7.66	8.52	5.43	5.28	5.48	5.83	5.52	4.89
Manufacturing	17.85	14.89	14.57	13.78	15.87	15.63	16.30	18.21	19.20	19.66
Durable goods	14.11	10.61	10.54	9.48	11.23	10.76	11.36	13.27	14.21	14.58
Lumber and wood products	0.19	0.23	0.34	0.48	0.40	0.32	0.34	0.38	0.36	0.34
Furniture and fixtures	0.07	0.10	0.16	0.15	0.20	0.20	0.25	0.28	0.28	0.26
Stone, clay, and glass products	0.75	0.66	0.89	0.87	0.70	0.65	0.70	0.81	0.82	0.79
Primary metal industries	6.18	4.60	3.65	1.96	2.16	1.64	1.24	1.31	1.19	0.92
Fabricated metal products	0.64	1.04	1.00	1.18	1.14	1.05	0.97	1.09	0.97	0.88
Machinery, except electrical	0.55	0.73	1.75	2.10	3.02	3.23	3.75	4.64	5.54	6.19
Electric and electronic equipment	0.15	0.51	0.36	0.54	1.12	1.15	1.14	1.32	1.23	1.25
Motor vehicles and equipment	0.02	0.11	0.17	0.29	0.23	0.24	0.30	0.38	0.35	0.32
Transportation equipment, excl. motor vehicles	5.44	2.42	1.87	1.25	1.59	1.64	2.01	2.31	2.63	2.77
Instruments and related products	0.01	0.08	0.12	0.42	0.44	0.42	0.46	0.48	0.54	0.60
Miscellaneous manufacturing industries	0.11	0.12	0.23	0.23	0.24	0.22	0.19	0.27	0.30	0.29
Nondurable goods	3.74	4.28	4.03	4.29	4.65	4.87	4.94	4.94	4.99	5.08
Food and kindred products	1.38	1.39	1.32	1.17	1.14	1.25	1.17	1.09	1.14	1.17
Tobacco manufactures	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Textile mill products	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Apparel and other textile products	0.15	0.27	0.33	0.44	0.45	0.44	0.45	0.41	0.37	0.36
Paper and allied products	0.10	0.08	0.14	0.10	0.11	0.12	0.12	0.13	0.21	0.24
Printing and publishing	0.73	0.72	0.63	0.80	0.93	0.98	0.99	0.99	0.99	0.97
Chemicals and allied products	0.16	0.16	0.39	0.54	0.86	0.97	0.97	0.99	0.89	0.89
Petroleum and coal products	1.13	1.54	1.11	0.97	0.91	0.93	1.05	1.14	1.18	1.22
Rubber and miscellaneous plastic products	0.10	0.12	0.10	0.25	0.23	0.18	0.17	0.18	0.20	0.23
Leather and leather products	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.00	0.00	0.00

Table 5 (continued)

	1963	1967	1972	1977	1981	1982	1983	1984	1985	1986
Transportation, communication, and utilities	7.65	9.33	9.90	10.30	12.25	12.64	13.06	12.68	12.21	11.97
Transportation	4.56	5.62	5.64	4.92	4.67	4.54	4.58	4.59	4.42	4.53
Railroad transportation	2.36	2.78	2.04	1.24	1.33	1.18	1.20	1.21	1.21	1.18
Local and interurban passenger transit	0.36	0.29	0.26	0.28	0.25	0.11	0.10	0.09	0.09	0.10
Trucking and warehousing	1.37	1.83	2.56	2.62	2.01	1.89	1.77	1.78	1.66	1.68
Water transportation	0.00	0.00	0.00	0.01	0.02	0.02	0.02	0.00	0.00	0.00
Transportation by air	0.26	0.41	0.48	0.44	0.47	0.64	0.91	0.91	0.85	0.93
Pipelines, except natural gas	0.13	0.15	0.18	0.18	0.48	0.55	0.44	0.43	0.43	0.44
Transportation services	0.07	0.15	0.12	0.14	0.13	0.15	0.15	0.16	0.18	0.19
Communication	1.15	1.52	1.70	2.11	2.55	2.63	2.78	2.55	2.55	2.35
Electric, gas, and sanitary services	1.95	2.19	2.57	3.27	5.02	5.47	5.70	5.54	5.23	5.10
Wholesale trade	5.18	5.90	6.86	6.87	6.79	6.82	6.67	6.71	6.98	7.13
Retail trade	8.07	8.83	9.74	10.20	9.25	9.39	9.69	9.72	9.80	10.06
Finance, insurance, and real estate	10.06	11.32	12.50	13.79	14.04	14.35	14.14	13.53	13.39	13.50
Banking	1.21	1.38	1.45	1.37	1.55	1.67	1.60	1.59	1.46	1.45
Credit agencies other than banks	0.27	0.17	0.12	0.11	0.14	0.11	0.22	0.19	0.22	0.23
Holding companies and investment services	0.21	0.24	0.23	0.22	0.34	0.36	0.37	0.35	0.41	0.41
Insurance carriers	0.47	0.52	0.52	0.59	0.56	0.59	0.59	0.57	0.58	0.66
Insurance agents, brokers, and services	0.48	0.56	0.52	0.54	0.44	0.45	0.45	0.41	0.43	0.48
Real estate	7.42	8.45	9.66	10.96	11.00	11.17	10.92	10.42	10.30	10.29
Services	9.26	9.85	10.69	12.11	12.66	12.96	13.02	13.01	13.16	13.37
Hotels and other lodging places	0.58	0.63	0.68	0.79	0.71	0.80	0.77	0.80	0.65	0.63
Personal services	0.85	0.96	0.79	0.72	0.57	0.60	0.59	0.58	0.62	0.62
Business services	0.79	0.98	1.27	1.64	1.98	2.00	2.15	2.29	2.46	2.58
Auto repair, services, and garages	0.56	0.65	0.79	0.92	0.92	0.92	0.93	0.95	0.97	0.94
Miscellaneous repair services	0.27	0.28	0.36	0.39	0.41	0.45	0.39	0.37	0.37	0.34
Motion pictures	0.16	0.15	0.21	0.25	0.14	0.15	0.15	0.19	0.19	0.21
Amusement and recreation services	0.31	0.33	0.44	0.40	0.39	0.40	0.40	0.42	0.47	0.45
Health services	2.47	2.75	2.98	3.44	3.76	3.92	3.75	3.59	3.66	3.87
Legal services	0.60	0.70	0.60	0.70	0.66	0.69	0.68	0.63	0.65	0.67
Educational services	0.99	0.64	0.80	0.74	0.69	0.70	0.81	0.78	0.76	0.75
Social services and membership organizations	0.74	0.86	0.79	0.83	1.03	1.11	1.21	1.19	1.17	1.16
Miscellaneous professional services	0.64	0.71	0.81	1.19	1.31	1.13	1.08	1.10	1.11	1.06
Private households	0.29	0.24	0.17	0.11	0.08	0.09	0.09	0.09	0.09	0.09
Government	17.06	21.66	18.25	15.73	14.67	14.96	14.83	13.85	13.91	14.01
Federal civilian government	8.91	11.70	8.06	6.00	5.17	5.11	5.11	4.85	4.95	4.95
Federal military government	1.26	1.42	1.33	1.08	1.13	1.16	1.19	1.10	1.10	1.13
State and local government	6.89	8.54	8.86	8.64	8.38	8.69	8.53	7.90	7.86	7.92

Source: United States Department of Commerce, Bureau of Economic Analysis, July 1988.

Utah Business Statistics

UTAH DATA	April 1987	April 1988	% Change From Year Ago	12 Month Average This Year	12 Month Average Last Year	12 Month Average % Change
Total Personal Income (seasonally adjusted) (mil. of dol.) (qtly.)	18,815	NA	NA	NA	18,409	NA
New Corporations (no.)	470	477	1.5%	473	448	5.7%
New Car, Truck and Motorhome Sales (no.)	4,976	5,604	12.6%	5,257	5,731	-19.1%
Agriculture						
Average Prices Recorded by Farmers (dol.)						
Beef Steers and Heifers (cwt) (thous.)	64.90	70.70	8.9%	65.63	57.55	14.0%
Lambs (cwt)	71.20	61.90	-13.1%	72.01	68.97	4.4%
Milk Wholesale (cwt)	11.80	11.20	-5.1%	11.77	11.98	-1.8%
Alfalfa Hay, Baled (per ton)	63.00	74.00	17.5%	70.25	65.58	7.1%
Cattle Slaughtered (live weight) (thous. of lbs.)	44,970	45,932	2.1%	43,771	38,978	12.3%
Construction						
Total Construction (thous. of dol.) 1	178,690	140,091	-21.6%	119,904	128,801	-6.9%
Residential	68,674	49,606	-27.8%	50,054	59,810	-16.3%
Nonresidential	47,909	26,465	-44.8%	39,403	47,461	-17.0%
Public Works and Utilities	62,107	64,460	3.8%	30,484	21,781	40.0%
Total Permit Construction (thous. of dol.) 2	106,228.2	86,406.0	-18.7%	80,562.7	107,431.0	-25.0%
Residential	63,041.7	36,641.1	-41.9%	36,598.7	56,999.2	-35.8%
Nonresidential	29,244.4	33,944.9	16.1%	30,169.4	37,060.1	-18.6%
Additions, Alterations and Repairs	13,942.1	15,820.0	13.5%	13,795.5	13,392.2	3.0%
New Dwelling Units (no.)	964	523	-45.7%	521	993	-47.5%
Employment						
Civilian Labor Force (thous.)	753.1	755.6	0.3%	758.3	755.0	0.4%
Total Employed Persons	703.0	716.1	1.9%	713.1	708.5	0.7%
Unemployed Persons	50.1	39.5	-21.2%	45.2	46.3	-2.3%
Percent Total Labor Force	6.6	5.2	-21.2%	6.0	6.1	-2.8%
Employees on Nonagricultural Payrolls (thous. of jobs)	636.1	646.7	1.7%	643.7	635.6	1.3%
Manufacturing	90.3	95.3	5.5%	94.2	91.0	3.5%
Mining	7.8	8.4	7.7%	8.2	7.6	7.3%
Contract Construction	26.1	22.4	-14.2%	25.7	30.8	-16.3%
Transportaion, Communication and Utilities	37.5	38.4	2.4%	38.1	37.4	1.8%
Wholesale Trade	34.6	34.3	-0.9%	35.4	35.7	-0.8%
Retail Trade	115.7	116.1	0.3%	118.4	117.6	0.7%
Finance, Insurance and Real Estate	33.6	33.5	-0.3%	33.7	33.3	1.3%
Services 3	145.9	154.3	5.8%	148.8	140.5	5.9%
Federal Government	40.3	39.7	-1.5%	39.6	40.4	-2.1%
State Government 4	38.7	38.1	-1.6%	37.4	38.0	-1.5%
Local Government 4	65.6	66.2	0.9%	64.3	63.3	1.6%
Average Weekly Hours						
Manufacturing	38.9	40.3	3.6%	40.3	39.6	1.7%
Mining	39.9	44.4	11.3%	41.9	41.8	0.4%
Wholesale Trade	36.9	35.5	-3.8%	38.4	37.3	3.0%
Retail Trade	27.8	27.6	-0.7%	28.3	28.1	0.6%
Amount of Unemployment Compensation (thous. of dol.)	9,540	6,272.6	-34.3%	6,754.0	8,799.7	-23.2%
Finance						
Savings, Savings and Loan Association (mil. of dol.)	2,503.7	2,461.6	-1.7%	2,378.2	2,404.3	-1.1%
Tax Collections by the State of Utah (thous. of dol.)						
Total Tax Collections	140,943.2	148,704.9	5.5%	144,830.0	129,490.6	11.8%
Sales and Use Tax	25,641.6	11,832.5	-53.9%	47,999.6	47,226.9	1.6%
Motor Fuel Tax	6,108.1	8,421.4	37.9%	10,300.4	7,991.7	28.9%
Individual Income Tax	63,477.3	94,881.7	49.5%	53,638.1	43,598.5	23.0%
Corporation Franchise Tax	28,968.4	17,974.2	-38.0%	6,039.3	4,438.4	36.1%
Production						
Net Electric Power Utilized (mil. of kwh)	1,093.5	1,094.5	0.1%	1,166.1	1,110.0	5.0%
Crude Oil to Refineries (thous. of bbls.)	3,503.8	4,212.5	20.2%	3,845.4	3,932.3	-2.2%
Crude Oil (thous. of bbls.)	2,912.0	2,829.1	-2.8%	2,916.6	3,079.0	-5.3%
Natural Gas (mil. of cu. ft.)	19,257.9	22,307.8	15.8%	22,633.8	19,756.8	14.6%
Coal (thous. short tons)	1,191.0	1,485.0	24.7%	1,476.3	908.3	62.5%
Tourism/Travel						
Air Passengers (total no. on and off) (S.L. Int'l Airport)	763,281	773,179	1.3%	848,937	835,613	1.6%
Highway Traffic Count Across State Lines	34,130	NA	NA	NA	37,681.1	NA
Transient Room Taxes (thous. of dol.)	240.8	(1,397.8)	-680.5%	438.0	483.6	-9.4%
Visits, State, Nat'l. Parks, Monuments (thous.)	895.9	941.6	5.1%	1,075.9	1,013.9	6.1%
Utilities						
Telephone Lines in Service (Mt. Bell) (Residential)	478,412	487,516	1.9%	482,750	474,725	1.7%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	174,993	179,652	2.7%	177,516	170,923	3.9%
Electric Customers (Residential)	471,444	475,965	1.0%	474,827	465,617	2.0%
Electric Customers (Commercial)	46,375	46,561	0.4%	46,383	45,671	1.6%
Natural Gas Customers (Residential & Commercial)	450,100	462,338	2.7%	450,706	439,562	2.5%
Natural Gas Customers (Industrial)	558	547	-2.0%	550	564	-2.5%

Utah Business Statistics

UTAH DATA	April 1987	April 1988	% Change From Year Ago	12 Month Average This Year	12 Month Average Last Year	12 Month Average % Change
Davis County						
Non-Ag. Employment (thous.)	51.7r	51.3fo	-0.8%	52.2	52.8	-1.1%
Unemployment Rate	5.5r	4.3	-21.8%	5.1	4.9	3.9%
Auth. Permit Construction (thous. of dol.)	17,669.0	17,223.0	-2.5%	9,972.0	17,220.4	-42.1%
New Dwelling Units (no.)	151	87	-42.4%	79	187	-57.8%
Postal Receipts (thous. of dol.)	396.3	NA	NA	NA	NA	NA
Electric Customers (Residential)	47,181	47,935	1.6%	47,672	45,978	3.7%
Electric Customers (Commercial)	3,234	3,403	5.2%	3,334	3,256	2.4%
Natural Gas Customers (Residential)	49,061	50,319	2.6%	49,307	47,299	4.2%
Natural Gas Customers (Industrial)	52	52	0.0%	52	51	1.1%
Telephone Lines in Service (Mt. Bell)(Residential)	54,659	55,130	0.9%	54,935	53,814	2.1%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	10,447	11,218	7.4%	10,804	10,247	5.4%
Salt Lake County						
Non-Ag. Employment (thous.)	331.2r	336.4fo	1.6%	335.0	331.4	1.1%
Unemployment Rate	5.7r	4.9	-14.0%	5.3	5.4	-0.8%
Auth. Permit Construction (thous. of dol.)	47,422.1	43,466.4	-8.3%	36,866.2	52,480.9	-29.8%
New Dwelling Units (no.)	376	193	-48.7%	189	427	-55.7%
Postal Receipts (thous. of dol.)	7,194.6	8,172.1	13.6%	7,441.8	7,094.0	4.9%
Electric Customers (Residential)	235,929	239,319	1.4%	237,494	233,339	1.8%
Electric Customers (Commercial)	19,908	20,376	2.4%	20,108	19,541	2.9%
Natural Gas Customers (Residential)	219,363	222,700	1.5%	218,272	214,568	1.7%
Natural Gas Customers (Industrial)	245	237	-3.3%	236	252	-6.3%
Telephone Lines in Service (Mt. Bell)(Residential)	226,385	229,694	1.5%	228,007	224,179	1.7%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	109,564	110,338	0.7%	110,185	108,580	1.5%
Utah County						
Non-Ag. Employment (thous.)	73.5r	75.3fo	2.4%	74.2	72.4	2.4%
Unemployment Rate	7.4r	4.4	-40.5%	5.9	7.0	-15.2%
Auth. Permit Construction (thous. of dol.)	19,607.0	7,060.0	-64.0%	11,601.2	10,763.0	7.8%
New Dwelling Units (no.)	193	58	-69.9%	75	117	-36.0%
Postal Receipts (thous. of dol.)	968.9	1,191.5	23.0%	970.7	918.5	5.7%
Electric Customers (Residential)	50,756	52,026	2.5%	52,542	50,096	4.9%
Electric Customers (Commercial)	6,455	5,924	-8.2%	6,123	6,260	-2.2%
Natural Gas Customers (Residential)	61,064	62,749	2.8%	60,756	59,894	1.4%
Natural Gas Customers (Industrial)	68	68	0.0%	69	70	-2.5%
Telephone Lines in Service (Mt. Bell)(Residential)	61,462	64,695	5.3%	63,214	62,143	1.7%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	18,643	19,794	6.2%	19,219	16,828	14.2%
Weber County						
Non-Ag. Employment (thous.)	60.4r	61.9fo	2.5%	60.8	60.2	1.0%
Unemployment Rate	7.1r	5.7	-19.7%	6.8	6.6	3.3%
Auth. Permit Construction (thous. of dol.)	7,362.7	6,119.6	-16.9%	7,661.3	9,808.6	-21.9%
New Dwelling Units (no.)	87	65	-25.3%	61	86	-29.3%
Postal Receipts (thous. of dol.)	596.2	722.7	21.2%	624.1	620.8	0.5%
Electric Customers (Residential)	52,759	53,505	1.4%	53,096	52,218	1.7%
Electric Customers (Commercial)	4,836	4,929	1.9%	4,883	4,768	2.4%
Natural Gas Customers (Residential)	49,315	50,150	1.7%	49,227	48,449	1.6%
Natural Gas Customers (Industrial)	84	83	-1.2%	85	86	-1.1%
Telephone Lines in Service (Mt. Bell)(Residential)	45,989	46,383	0.9%	46,077	45,577	1.1%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	10,943	11,785	7.7%	11,279	10,631	6.1%

r Revised fo Forecast Na Not Available

Sources:

Personal Income:	Bureau of Economic Analysis, U.S. Department of Commerce.
New Corporations:	Utah Secretary of State.
New Car and Truck Sales:	Utah State Tax Commission, Economic and Statistical Unit.
Agriculture:	U.S. Department of Agriculture, Agriculture, Utah: Utah Crop and Livestock Reporting Service.
Construction Data:	F.W. Dodge Statistics and Utah Construction Report, Bureau of Economic and Business Research.
Employment Data:	Utah Department of Employment Security.
Savings Information:	Utah Savings and Loan Institutions.
Tax Collections:	Utah State Tax Commission.
Net Electric Power Utilized:	Cooperating Utah power companies
Crude Oil Production:	Area oil refineries.
Natural Gas Production:	Utah Department of Oil, Gas, and Mining.
Coal Production:	U.S. Department of Energy.
Air Passengers:	Salt Lake City International Airport, Statistics Division.
Highway Traffic Count:	Utah Department of Transportation.
Visits to State and National Parks and Monuments:	U.S. Forest Service, Utah State Parks and Recreation Department.
Utilities Data:	Cooperating Utah utility companies.
Postal Receipts:	Postmasters in Davis, Salt Lake, Utah and Weber Counties.

Footnotes:

1 Obtained from F.W. Dodge Statistics.
2 Obtained from Utah Construction Report.
3 Includes services by nonprofit and religious organizations.
4 Includes public schools and college institutions.

Utah Business Statistics

UTAH DATA	May 1987	May 1988	% Change From Year Ago	12 Month Average This Year	12 Month Average Last Year	12 Month Average % Change
Total Personal Income (seasonally adjusted) (mil. of dol.) (qtly.)	18,815	NA	NA	NA	18,453	NA
New Corporations (no.)	478	509	6.5%	476	448	6.3%
New Car, Truck and Motorhome Sales (no.)	5,863	5,975	1.9%	5,266	5,595	-19.1%
Agriculture						
Average Prices Recorded by Farmers (dol.)						
Beef Steers and Heifers (cwt) (thous.)	66.80	70.70	5.8%	65.96	58.74	12.3%
Lambs (cwt)	75.70	67.00	-11.5%	71.28	69.48	2.6%
Milk Wholesale (cwt)	11.40	10.80	-5.3%	11.72	11.99	-2.3%
Alfalfa Hay, Baled (per ton)	59.00	74.00	25.4%	71.50	64.42	11.0%
Cattle Slaughtered (live weight) (thous. of lbs.)	35,537	45,108	26.9%	44,568	39,087	14.0%
Construction						
Total Construction (thous. of dol.) 1	106,975	148,943	39.2%	123,402	126,473	-2.4%
Residential	61,782	58,592	-5.2%	49,788	57,829	-13.9%
Nonresidential	40,486	53,645	32.5%	40,500	47,404	-14.6%
Public Works and Utilities	4,707	36,697	679.6%	33,150	21,239	56.1%
Total Permit Construction (thous. of dol.) 2	106,567.1	81,386.8	-23.6%	78,464.3	105,447.3	-25.6%
Residential	54,149.7	42,774.9	-21.0%	35,650.8	54,775.8	-34.9%
Nonresidential	39,663.2	24,267.8	-38.8%	28,886.5	37,225.3	-22.4%
Additions, Alterations and Repairs	12,754.2	14,344.1	12.5%	13,928.0	13,466.8	3.4%
New Dwelling Units (no.)	851	589	-30.8%	499	941	-47.0%
Employment						
Civilian Labor Force (thous.)	763.3	749.1	-1.9%	757.1	756.9	0.0%
Total Employed Persons	713.2	712.7	-0.1%	713.0	709.4	0.5%
Unemployed Persons	50.1	36.4	-27.3%	44.1	47.3	-6.8%
Percent Total Labor Force	6.6	4.9	-25.8%	5.8	6.3	-7.0%
Employees on Nonagricultural Payrolls (thous. of jobs)	639.9	649.8	1.5%	644.5	635.9	1.4%
Manufacturing	91.3	95.9	5.0%	94.5	90.9	4.0%
Mining	8.1	8.1	0.0%	8.2	7.6	7.7%
Contract Construction	27.5	23.9	-13.1%	25.4	30.2	-15.7%
Transportation, Communication and Utilities	37.5	38.5	2.7%	38.2	37.4	1.9%
Wholesale Trade	34.8	34.5	-0.9%	35.4	35.6	-0.6%
Retail Trade	116.7	117.1	0.3%	118.4	117.6	0.6%
Finance, Insurance and Real Estate	33.6	33.9	0.9%	33.8	33.3	1.3%
Services 3	144.7	152.5	5.4%	149.4	141.3	5.7%
Federal Government	40.4	39.9	-1.2%	39.5	40.4	-2.2%
State Government 4	39.3	38.7	-1.5%	37.4	38.0	-1.6%
Local Government 4	66.1	67.0	1.4%	64.4	63.4	1.5%
Average Weekly Hours						
Manufacturing	39.5	40.5	2.5%	40.4	39.5	2.1%
Mining	39.6	42.9	8.3%	42.2	41.2	2.5%
Wholesale Trade	37.4	37.1	-0.8%	38.4	37.3	2.9%
Retail Trade	28.1	28.0	-0.4%	28.2	28.1	0.5%
Amount of Unemployment Compensation (thous. of dol.)	6,973.2	5,547.9	-20.4%	6,635.3	8,764.0	-24.3%
Finance						
Savings, Savings and Loan Association (mil. of dol.)	2,502.4	2,456.4	-1.8%	2,374.4	2,416.1	-1.7%
Tax Collections by the State of Utah (thous. of dol.)						
Total Tax Collections	228,408.5	253,928.1	11.2%	146,956.6	126,674.8	16.0%
Sales and Use Tax	98,703.0	130,039.5	31.7%	50,611.0	46,088.9	9.8%
Motor Fuel Tax	10,832.3	10,557.7	-2.5%	10,277.6	7,906.8	30.0%
Individual Income Tax	70,466.9	52,130.0	-26.0%	52,110.0	44,098.4	18.2%
Corporation Franchise Tax	7,180.8	6,033.0	-16.0%	5,943.6	4,159.5	42.9%
Production						
Net Electric Power Utilized (mil. of kwh)	1,076.9	1,156.6	7.4%	1,172.7	1,110.4	5.6%
Crude Oil to Refineries (thous. of bbls.)	3,948.0	NA	NA	NA	3,928.0	NA
Crude Oil (thous. of bbls.)	3,068.5	2,962.6	-3.5%	2,907.8	3,047.8	-4.6%
Natural Gas (mil. of cu. ft.)	20,002.0	23,908.2	19.5%	22,959.3	19,974.8	14.9%
Coal (thous. short tons)	1,128.0	1,356.0	20.2%	1,495.3	914.0	63.6%
Tourism/Travel						
Air Passengers (total no. on and off) (S.L. Int'l Airport)	786,837	806,397	2.5%	850,567	832,078	2.2%
Highway Traffic Count Across State Lines	39,389	NA	NA	NA	37,898	NA
Transient Room Taxes (thous. of dol.)	927.8	1,929.3	107.9%	521.4	473.3	10.2%
Visits, State, Nat'l. Parks, Monuments (thous.)	1,499.4	1,406.7	-6.2%	1,068.1	1,010.7	5.7%
Utilities						
Telephone Lines in Service (Mt. Bell) (Residential)	478,375	486,693	1.7%	483,443	475,500	1.7%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	175,513	180,049	2.6%	177,894	171,591	3.7%
Electric Customers (Residential)	470,750	475,395	1.0%	475,214	466,620	1.8%
Electric Customers (Commercial)	46,677	46,649	-0.1%	46,380	45,815	1.2%
Natural Gas Customers (Residential & Commercial)	446,543	457,734	2.5%	451,639	440,544	2.5%
Natural Gas Customers (Industrial)	357	349	-2.0%	549	563	-2.5%

Utah Business Statistics

UTAH DATA	May 1987	May 1988	% Change From Year Ago	12 Month Average This Year	12 Month Average Last Year	12 Month Average % Change
Davis County						
Non-Ag. Employment (thous.)	52.7	53.0	0.6%	52.3	52.8	-0.9%
Unemployment Rate	5.6	3.9	-30.4%	5.0	5.1	-1.5%
Auth. Permit Construction (thous. of dol.)	10,135.8	11,690.0	15.3%	10,101.6	16,355.9	-38.2%
New Dwelling Units (no.)	115	98	-14.8%	78	179	-56.8%
Postal Receipts (thous. of dol.)	612.5	434.3	-29.1%	375.7	NA	NA
Electric Customers (Residential)	47,220	47,928	1.5%	47,731.0	46,174.9	3.4%
Electric Customers (Commercial)	3,457	3,412	-1.3%	3,330	3,266	2.0%
Natural Gas Customers (Residential)	48,784	50,170	2.8%	49,422	47,525	4.0%
Natural Gas Customers (Industrial)	52	52	0.0%	52	52	0.8%
Telephone Lines in Service (Mt. Bell)(Residential)	54,834	55,117	0.5%	54,958	53,988	1.8%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	10,535	11,239	6.7%	10,863	10,283	5.6%
Salt Lake County						
Non-Ag. Employment (thous.)	333.0	338.7	1.7%	335.5	331.8	1.1%
Unemployment Rate	5.7	4.5	-21.1%	5.2	5.4	-3.2%
Auth. Permit Construction (thous. of dol.)	43,286.2	36,697.5	-15.2%	36,317.1	51,502.7	-29.5%
New Dwelling Units (no.)	323	225	-30.3%	181	409	-55.7%
Postal Receipts (thous. of dol.)	7,140.8	8,490.9	18.9%	7,554.3	7,083.7	6.6%
Electric Customers (Residential)	235,420	238,697	1.4%	237,767	233,707	1.7%
Electric Customers (Commercial)	19,856	20,349	2.5%	20,149	19,597	2.8%
Natural Gas Customers (Residential)	217,830	220,632	1.3%	218,506	215,019	1.6%
Natural Gas Customers (Industrial)	242	236	-2.5%	235	251	-6.1%
Telephone Lines in Service (Mt. Bell)(Residential)	226,591	229,837	1.4%	228,277	224,583	1.6%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	109,861	110,652	0.7%	110,251	108,779	1.4%
Utah County						
Non-Ag. Employment (thous.)	71.6	73.3	2.4%	74.3	72.5	2.5%
Unemployment Rate	7.4	4.2	-43.2%	5.7	7.2	-20.7%
Auth. Permit Construction (thous. of dol.)	21,747.1	10,484.4	-51.8%	10,662.7	11,225.7	-5.0%
New Dwelling Units (no.)	147	69	-53.1%	68	107	-36.5%
Postal Receipts (thous. of dol.)	953.1	1,178.8	23.7%	989.5	923.8	7.1%
Electric Customers (Residential)	50,677	52,611	3.8%	52,703	50,171	5.0%
Electric Customers (Commercial)	6,524	5,955	-8.7%	6,076	6,296	-3.5%
Natural Gas Customers (Residential)	59,975	61,323	2.2%	60,868	59,954	1.5%
Natural Gas Customers (Industrial)	68	66	-2.9%	69	70	-2.3%
Telephone Lines in Service (Mt. Bell)(Residential)	61,148	63,620	4.0%	63,420	62,218	1.9%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	18,667	19,817	6.2%	19,315	17,068	13.2%
Weber County						
Non-Ag. Employment (thous.)	60.6	61.5	1.5%	60.9	60.3	1.0%
Unemployment Rate	7.3	5.2	-28.8%	6.7	6.7	-1.1%
Auth. Permit Construction (thous. of dol.)	7,762.2	4,867.5	-37.3%	7,420.1	9,163.9	-19.0%
New Dwelling Units (no.)	84	44	-47.6%	58	74	-22.3%
Postal Receipts (thous. of dol.)	603.6	682.1	13.0%	630.6	619.9	1.7%
Electric Customers (Residential)	52,652	53,412	1.4%	53,159	52,300	1.6%
Electric Customers (Commercial)	4,822	4,898	1.5%	4,889	4,778	2.3%
Natural Gas Customers (Residential)	49,495	49,680	0.4%	49,242	48,576	1.4%
Natural Gas Customers (Industrial)	86	82	-4.7%	84	86	-1.4%
Telephone Lines in Service (Mt. Bell)(Residential)	46,004	46,473	1.0%	46,116	45,628	1.1%
Telephone Lines in Service (Mt. Bell)(Nonresidential)	10,947	11,881	8.5%	11,357	10,671	6.4%

r Revised fo Forecast Na Not Available

Sources:

Personal Income:	Bureau of Economic Analysis, U.S. Department of Commerce.
New Corporations:	Utah Secretary of State.
New Car and Truck Sales:	Utah State Tax Commission, Economic and Statistical Unit.
Agriculture:	U.S. Department of Agriculture, Agriculture, Utah: Utah Crop and Livestock Reporting Service.
Construction Data:	F.W. Dodge Statistics and Utah Construction Report, Bureau of Economic and Business Research.
Employment Data:	Utah Department of Employment Security.
Savings Information:	Utah Savings and Loan Institutions.
Tax Collections:	Utah State Tax Commission.
Net Electric Power Utilized:	Cooperating Utah power companies
Crude Oil Production:	Area oil refineries.
Natural Gas Production:	Utah Department of Oil, Gas, and Mining.
Coal Production:	U.S. Department of Energy.
Air Passengers:	Salt Lake City International Airport, Statistics Division.
Highway Traffic Count:	Utah Department of Transportation.
Visits to State and National Parks and Monuments:	U.S. Forest Service, Utah State Parks and Recreation Department.
Utilities Data:	Cooperating Utah utility companies.
Postal Receipts:	Postmasters in Davis, Salt Lake, Utah and Weber Counties.

Footnotes:
1 Obtained from F.W. Dodge Statistics.
2 Obtained from Utah Construction Report.
3 Includes services by nonprofit and religious organizations.
4 Includes public schools and college institutions.

Bureau of Economic and
Business Research
University of Utah
Salt Lake City, Utah 84112
Return Postage Guaranteed
(Non-Profit Organization)

Non-Profit Org.
U.S. Postage Paid

Permit No. 1529
Salt Lake City, Utah

SRI ACQUISITION
CONGRESSIONAL
INFORMATION SERVICE, INC.
4520 EAST WEST HIGHWAY
BETHESDA, MARYLAND 20814

NATIONAL DATA	May 1987	May 1988	% Change From Year Ago	12 Month Average This Year	12 Month Average Last Year	12 Month Average % Change
U.S. Gross National Product (seasonally adjusted) (bil.) (qtly.)	4,484.2	4,819.7	7.5%	4,665.8	4,339.5	7.5%
Total Personal Income (seasonally adjusted) (bil. of dol.)	3,736.3	4,046.0	8.3%	3,903.7	3,621.4	7.8%
Industrial Production Indexes (seasonally adjusted) (1977=100)	128.2	136.1	6.2%	133.0	126.0	5.6%
Total Non-Farm Bus. Expend. on New Plants & Equip. (bil.) (qtly.)	377.6	429.0	13.6%	408.0	378.2	7.9%
Index of Leading Indicators (1967=100)	188.6	191.1	1.3%	191.3	183.7	4.1%
Price Indexes						
Consumer Price Indexes (not seasonally adjusted) (1982-84=100)						
CPI-U (All Urban Consumers) All Items	113.1	117.5	3.9%	115.5	110.9	4.1%
CPI-U (All Urban Consumers) Food & Beverages	113.3	117.1	3.4%	115.0	111.1	3.5%
CPI-U (All Urban Consumers) Housing	113.6	117.7	3.6%	116.0	112.1	3.5%
CPI-U (All Urban Consumers) Transportation	104.7	108.1	3.2%	106.9	102.2	4.6%
CPI-U (All Urban Consumers) Medical Care	129.3	137.5	6.3%	133.6	125.6	6.4%
CPI-U (All Urban Consumers) Energy	87.4	88.7	1.5%	89.2	85.4	4.5%
Producer Price Index (not seasonally adjusted) (1982=100)						
Producer Price Index, All Finished Goods	105.4	107.5	2.0%	106.2	103.7	2.4%
GNP Price Deflator (1982=100) (qtly.)	117.3	120.9	3.1%	119.1	115.5	3.1%
Civilian Employment (seasonally adjusted)						
Total Civilian Labor Force (mil.)	119.9	120.9	0.8%	120.6	118.7	1.5%
Total Civilian Employment (mil.)	112.4	114.1	1.5%	113.5	110.7	2.6%
Unemployment Rate	6.3	5.6	-11.1%	5.8	6.8	-13.8%
Construction						
Total Construction (mil. of dol.)	22,053.5	23,012.9	4.4%	20,728.1	19,967.2	3.8%
Residential	10,664.1	11,004.4	3.2%	9,684.0	9,850.5	-1.7%
Nonresidential	6,970.9	6,826.1	-2.1%	7,158.6	6,656.1	7.5%
Non-Building	4,418.5	5,182.5	17.3%	3,883.9	3,460.6	12.2%
New Dwelling Units (no.)	142,575	133,730	-6.2%	122,507	137,705	-11.0%
Interest Rates						
Short Term (3-month Treasury bill rate)	5.75	6.27	9.0%	5.94	5.58	6.5%
Long Term (30-year Treasury bond yields)	8.79	9.24	5.1%	8.71	7.95	9.5%
Prime Rates Charged by Banks on Short-term Business Loans (ave.)	8.14	8.84	8.6%	8.60	7.75	11.0%
Mortgage Rates (new homes)	8.99	8.59	-4.4%	8.86	9.34	-5.2%

Sources: Business Conditions Digest, U.S. Department of Commerce: U.S. Gross National Product, Total National Personal Income, Industrial Production Indexes, Total Business Expenditures for New Plant and Equipment, Index of Leading Indicators, GNP Price Deflator, National Employment Data, Interest Rates.

F.W. Dodge Report, McGraw-Hill: National Construction Data.

Survey of Current Business, U.S. Department of Commerce: New Home Mortgage Rates.

Utah Labor Market Report, Utah Department of Employment Security: Consumer price Indexes, Producer Price Index.

Chase N. Peterson, *President, University of Utah*
John Seybolt, *Dean, Graduate School of Business*

BUREAU OF ECONOMIC AND BUSINESS RESEARCH

R. Thayne Robson, Director
Frank C. Hachman, Associate Director

STAFF OF THE BUREAU OF ECONOMIC AND BUSINESS RESEARCH

Office Staff
Mari Lou Wood, Office Manager
Cathy Crawford, Administrative Assistant
Diana Gillam, Associate Accountant
Lee Carberry, Administrative Secretary
Gaylene Roethel, Administrative Secretary
Michael Khuu, Clerk

Research Analysts and Research Assistants
Jan Crispin
Peter Donnar
Cindy Lewis
Mark Oberg
Gary Ricks
Austin Sargent
James Wood

Senior Research Economists
Boyd L. Fjeldsted

Production Staff
James B Peters, Graphics